

**“AN OBSERVATIONAL STUDY OF VEDHYA & AVEDHYA SIRAS  
IN UPPER EXTREMITY W.S.R. TO INFRARED VEIN FINDER  
MACHINE & CADAVERIC DISSECTION”**



Dissertation submitted as partial fulfillment for the degree of

**Ayurveda Vachaspati**

**[Doctor of Medicine – Ayurveda]**

**Speciality – Rachana Sharira**

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## **ABSTRACT**

### **Title:**

**“AN OBSERVATIONAL STUDY OF VEDHYA AND AVEDHYA SIRAS IN UPPER EXTRIMITY W.S.R TO CADEVERIC DISSECTION AND INFRARED VEIN FINDER MACHINE”**

### **Introduction:**

The concepts of *Ayurveda* are not passed into future generation properly because of generation gap and lack of interpretation. In ancient Ayurvedic references, the description of *Sira* is mostly explained in terms of functional implication. This limitation is attributable to the lack of available tools and techniques that could provide the microscopic observation of vasculature from anatomic perspective. So we have great opportunity to understand and clarify the doubts regarding location of *Vedhya* and *Avedhya Sira*. In this context, a proper nomenclature of *Vedhya* and *Avedhya Sira* in accordance with the contemporary science is of utmost significance in the practice of Ayurvedic medicine. This is only possible with the help of the recent advanced technology implemented in Infrared Vein Finder Machine that helps to Find out and locate the *Sira* anatomically and thus explain the concept of *Sira Sharir* in a better and comprehensive way.

### **Aim and objective:**

To confirm anatomical structure of *Vedhya* and *Avedhya Sira* of upper extremity. To review the *Vedhya* and *Avedhya Siras* of upper extremity. To compare *Sira* with modern anatomical structure. To locate structurally the *Vedhya* and *Avedhya Siras* on the basis of Cadaveric dissection and infrared vein finder machine.

### **Material and method:**

Literature related to the study collected from the classical texts and modern anatomy books. In observation study, Dissection of the upper limb in five cadavers was carried out in the department of *Rachana Sharir*, Parul Institute of Ayurveda. Observations were analyzed and correlated in the view of sites of *Vedhya* and *Avedhya Sira*. *Vedhya Sira* sites were studied upon 10 male and 10 female healthy volunteers by the help of infrared vein finder.